

High School to College Pathway: Post-Secondary

Area of Study: Information Technology Education Pathway: Programming & Software Development

Region: Wasatch Front	District:	School:	College/Institution: Salt Lake Community College Articulation Agreement in place? Yes Name of Degree or Certificate: Computer Information Systems, A.S. (61-62 hours required)
Contact Person: Don Johnson		Ph.#: 801 957-5807	
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High School				College		
Course Number	High School Suggested Academic Courses	H.S. Credit	College Credits	Course Number	College General Education Requirements	College Credits
	ENGL 1010*	1	3	ENGL 1010	Introduction to Writing	3
				ENGL 2010	Intermediate Writing	3
	Trigonometry or Calculus I concurrent*	1	4	MATH 1060	+Trigonometry (3) or MATH 1210 Calculus I (4)	3-4
	HIST 1700*	1	3	HIST 1700	American Civilization <u>or</u> ECON 1740 <u>or</u> POLS 1100	3
				HLAC _____	Lifelong Wellness course	1
	COMM 1010*	1	3	COMM 1010	Elements of Effective Comm (req Weber St) or depth course	3
	Take 1 course (3 credit hours) from each of the following areas: BiolSci, FineArts, Human, Interdisciplinary, SocSci, PhysSci*	5	15		Take 1 course (3 credit hours) from each of the following distribution areas: Biological Sci, Fine Arts, Humanities, Interdisciplinary, Social Science, Physical Science	18

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Course CIP #	CTE Pathway Courses (3 credits for completion)	H.S. Credit	College Credits	Course #	College Major Course Requirements	College Credits
Course #	Introductory Courses: (preferred)	Credit				
52.0417	Computer Technology	.50				
11.0101	Information Technology, Introduction	.50				
	Foundation Courses: (2 required)					
11.0201	Computer Programming I	1.00				
	Choose one of the following courses:					
11.0202	Computer Programming II	1.00				
11.0301	Database Development I	1.00				
	Elective Courses:					
11.0210	Multimedia I: Design & Development	1.00				
11.0230	Web Development II	1.00				
				CIS 1030	Object-Oriented Programming I	3
				CIS 1130	Object-Oriented Programming II	3
				CIS 1135	Object-Oriented Analy./Design	3
				CIS 1430	Internet & HTML Fundamentals	3
				CIS 1520	Operating Systems	3
				CIS 2150	Computer Organization	3
				CIS 2350	UNIX/LINUX System Administration	3
				CIS 2420	Networking Fundamentals	3
				CIS 2600	Fundamentals of Database Management	3
TOTAL Potential Credits Earned in High School			28	TOTAL Credits Required for Degree or Certificate		61-62

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note:** * = concurrent ^ = distant

Note: Requirements may change year-to-year. It is the student's responsibility to verify information by consulting with an SLCC department advisor.

+Note: MATH 1060 for Weber's Network & Security Administration or MATH 1210 for Weber's Software Engineering Emphasis.

Note: See SLCC catalog notes for additional transfer requirements.

Note: This AS degree is designed to transfer to Weber State University Computer Science B.S. offered in the evening at SLCC through the University Center. Two tracks offered are: Network & Security Administration; and Software Engineering.